

Carbospense™ K-798 Acrylate Terpolymer

Carbospense K-798 acrylate terpolymer is a proprietary* partially neutralized low molecular weight water soluble acrylic terpolymer supplied as a water white to amber, clear to slightly hazy, 50% total solids solution in water.

Carbospense K-798 acrylate terpolymer is a high performance polyelectrolyte with multi-functional properties including sequestration, dispersion, scale inhibition, crystal growth distortion, binding, and plasticizing.

The typical properties for Carbospense K-798 acrylate terpolymer are as follows:

Form	Water solution
Appearance	Water white to amber, clear to slightly hazy
Total solids (%)	50 (49 to 51)**
Active solids (%)	48
pH	2.8 (2.5 to 3.1)**
Viscosity (cP at 25°C)	560 (450 to 750)**
Specific gravity	(1.15 to 1.35)
Acid number (mg KOH/g dry polymer)***	400 (380 to 420)**

* Patented.

** Specification.

*** Measure of free acid present - determined by a potentiometric titration procedure on as-supplied product basis.

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